

Applicant(s)	Sills	COMMUNICATION REGARDING CERTIFICATE OF CORRECTION
Patent No.	7,196,604	
Issue Date	3/27/2007	
Serial No.	10/724,336	
Attorney Docket No.	215.002US01	
Title: SENSING APPARATUS AND METHOD		

ATTN: Certificate of Corrections Branch
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Applicant hereby requests issuance of a Certificate of Correction in U.S. Letters Patent No. 7,196,604 as specified on the attached Certificate (Form PTO/SB/44). Please find enclosed documentation supporting errors identified in the above noted patent, referred to herein as Exhibits A and B.

With respect to the error on the first page of the issued patent, Applicant believes this constitutes a typographical error made by the Patent Office. Referring to Exhibit A, the inventor "David A. James, Harston (GB)" should be removed. Exhibit B is a copy of the Petition to Delete Inventors Under 37 C.F.R. § 1.48(b)(1) as submitted to the Patent Office clearly stating that "David A. James, Harston (GB)" should be deleted. This correction only fixes a typographical error and does not introduce any new matter.

Applicant believes these corrections as specified are necessary due to an Office error or errors and therefore does not believe that any fee is due for a Certificate of Correction of this application. However, if deemed necessary, the U.S. Patent & Trademark Office is authorized to charge any additional fees found due to our Deposit Account No. 502432. Please contact the undersigned if you have any questions.

Respectfully submitted,

Date: 9/18/2008

/Jay Wahlquist/
Jay Wahlquist
Reg. No. 55705

Attorneys for Applicant
Fogg & Powers LLC
P.O. Box 581339
Minneapolis, MN 55458-1339
T – (612) 332-4720
F – (612) 332-4731

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,196,604
APPLICATION NO. : 10/724,336
ISSUE DATE : 3/27/2007
INVENTOR(S) : Sills

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the front page of the issued patent, please delete "David A. James, Harston (GB)" from the Inventors field.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

FOGG & POWERS LLC
10 South Fifth Street
Suite 1000
Minneapolis, MN 55402

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



US007196604B2

(12) **United States Patent**
Sills et al.

(10) **Patent No.:** **US 7,196,604 B2**
(45) **Date of Patent:** **Mar. 27, 2007**

(54) **SENSING APPARATUS AND METHOD**

(75) Inventors: **Colin S. Sills**, Harston (GB); **David A. James**, Harston (GB)

(73) Assignee: **TT Electronics Technology Limited**
(GB)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 3 days.

(21) Appl. No.: **10/724,336**

(22) Filed: **Nov. 29, 2003**

(65) **Prior Publication Data**

US 2005/0035836 A1 Feb. 17, 2005

Related U.S. Application Data

(63) Continuation-in-part of application No. PCT/GB03/03718, filed on Aug. 27, 2003, and a continuation-in-part of application No. PCT/GB02/01707, filed on Apr. 12, 2002.

(30) **Foreign Application Priority Data**

May 30, 2001	(GB)	0113057.4
Jun. 13, 2001	(GB)	0114441.9
Jun. 20, 2001	(GB)	0115183.6
Jun. 28, 2001	(GB)	0115852.6
Oct. 5, 2001	(GB)	0124007.6
Oct. 30, 2001	(GB)	0126014.0
Mar. 14, 2002	(GB)	PCT/GB02/01204
Aug. 27, 2002	(GB)	0219876.0
Jul. 4, 2003	(GB)	0315738.5

(51) **Int. Cl.**
H01H 9/00 (2006.01)

(52) **U.S. Cl.** **335/306; 336/200**

(58) **Field of Classification Search** 336/129, 336/132-4, 84 C, 136, 183, 200, 225; 335/205-7; 324/207.22, 207.17
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,772,587 A 11/1973 Farrand et al.

(Continued)

FOREIGN PATENT DOCUMENTS

DE 42 30 950 9/1993

(Continued)

OTHER PUBLICATIONS

"Sensing Position" by Mark Howard and Richard Doyle, published on the internet in Appliance Manufacturer Magazine, Mar. 27, 2001.

(Continued)

Primary Examiner—Elvin Enad

Assistant Examiner—Bernard Rojas

(74) *Attorney, Agent, or Firm*—Fogg & Associates, LLC; David N. Fogg

(57) **ABSTRACT**

There is described a position sensor comprising at least one planar substrate having formed thereon a magnetic field generator which comprises conductive tracks formed on at least two planes defined by the at least one planar substrate. An intermediate coupling element is operable to move relative to the at least one planar substrate along a measurement direction transverse to the planar substrate, the detector detects the position of the intermediate coupling element in a magnetic field generated by the magnetic field generator. The position sensor has particular application in man-machine interfaces such as push buttons and rotary switches.

26 Claims, 14 Drawing Sheets

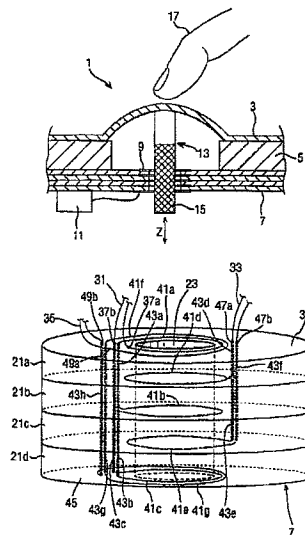


Exhibit B

Applicant	M. Howard, et al.	PETITION TO DELETE INVENTORS UNDER 37 C.F.R. §1.48(b)(1)
Serial No.	10/724,336	
Filing Date	11/29/2003	
Group Art Unit	2832	
Examiner	Bernard Rojas	
Attorney Docket No.	142.009US01	
Title: SENSING APPARATUS AND METHOD		

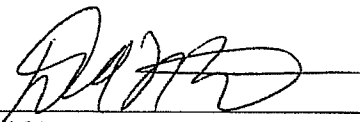
Commissioner for Patents
Washington, D.C. 20231

Pursuant to 37 C.F.R. 1.48(b)(1), please delete Mark A. Howard, Richard A. Doyle, Ross P. Jones, David A. James, Darran Kreit, and Bruce MaCaulay as inventors in the above-identified application because their invention is no longer being claimed in the above-identified patent application. This leaves Colin Stuart Sills as the sole inventor.

The petition fee specified in 37 C.F.R. § 1.17(i) is being charged to a credit card with the on-line filing of this petition. Please charge any additional fees or credit overpayment to Deposit Account No. 502432.

Respectfully submitted,

Date: August 16, 2006



David N. Fogg
Reg. No. 35,138

Attorneys for Applicant
Fogg and Associates, LLC
P.O. Box 581339
Minneapolis, MN 55458-1339
T – 612/332-4720
F – 612/677-3553